Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011425.D
Acq On : 14 Aug 2020 12:33
Operator : CG/JU
Sample : SSTD04054
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD04054

Manual Integrations APPROVED
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8/18/2020 1:42:47 PM

Quant Time: Aug 14 14:23:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 14 13:27:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	152036	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	512557	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	323429	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	754937	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	760177	20.00	ng/ul	0.00
86) Perylene-d12	23.16	264	735922	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	47270	11.88	ng/uL	0.00
5) Phenol-d5	6.64	99	384686	31.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	201105	31.13	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	356000	33.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	321442	32.24	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	166746	40.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	187025	42.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	356069	41.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	423453	46.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	1011923	38.58	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	1218591	39.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	177515	37.88	ng/ul	0.00
58) Fluorene-d10	15.07	176	933617	40.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	183299	39.79	ng/ul	0.00
71) Anthracene-d10	16.93	188	1362708	37.08	ng/ul	0.00
79) Pyrene-d10	19.23	212	1514016	39.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.03	264	1834453	46.01	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	55118	13.131	ng/uL	92
4) Benzaldehyde	6.60	77	258717	42.105	ng/ul	97
6) Phenol	6.67	94	403779	30.477	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.89	93	321871	32.895	ng/ul	100
10) 2-Chlorophenol	7.02	128	370624	32.337	ng/ul	98
11) 2-Methylphenol	7.89	108	339268	34.344	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.98	45	167625	25.616	ng/ul	94
14) Acetophenone	8.25	105	509392	29.901	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.25	70	231712	26.660	ng/ul	97
16) 4-Methylphenol	8.22	108	332120	30.468	ng/ul	97
17) Hexachloroethane	8.49	117	163561	32.792	ng/ul	90
20) Nitrobenzene	8.62	77	392887	36.351	ng/ul	95
21) Isophorone	9.15	82	657667	35.604	ng/ul	99
23) 2-Nitrophenol	9.32	139	200797	40.333	ng/ul	97
24) 2,4-Dimethylphenol	9.39	107	381952	36.793	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.63	93	409234	36.605	ng/ul	96
27) 2,4-Dichlorophenol	9.85	162	358811	40.129	ng/ul	97
28) Naphthalene	10.23	128	1155390	38.453	ng/ul	99
30) 4-Chloroaniline	10.36	127	425090	45.043	ng/ul	97
31) Hexachlorobutadiene	10.52	225	287242	46.395	ng/ul	98
32) Caprolactam	11.13	113	96908m	40.350	ng/ul	
33) 4-Chloro-3-methylphenol	11.49	107	368104	38.380	ng/ul	98
34) 2-Methylnaphthalene	11.85	142	780260	35.811	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.08	142	776373	38.353 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	458002	41.353 ng/ul	96
38) Hexachlorocyclopentadiene	12.22	237	315406	46.219 ng/ul	96
39) 2,4,6-Trichlorophenol	12.49	196	280824	39.839 ng/ul	96
40) 2,4,5-Trichlorophenol	12.56	196	294838	37.335 ng/ul	94
41) 1,1'-Biphenyl	12.90	154	1054471	38.395 ng/ul	99
42) 2-Chloronaphthalene	12.93	162	838725	38.491 ng/ul	98
43) 2-Nitroaniline	13.15	65	182251	33.033 ng/ul	91
45) Dimethylphthalate	13.55	163	1047931	37.820 ng/ul	98
46) 2,6-Dinitrotoluene	13.66	165	214172	39.007 ng/ul	94
48) Acenaphthylene	13.79	152	1265093	38.488 ng/ul	98
49) 3-Nitroaniline	13.99	138	194464	38.379 ng/ul	98
50) Acenaphthene	14.14	153	889608	38.534 ng/ul	96
51) 2,4-Dinitrophenol	14.20	184	125582	39.657 ng/ul	97
53) 4-Nitrophenol	14.32	109	168928	37.544 ng/ul	94
54) Dibenzofuran	14.48	168	1266679	38.287 ng/ul	95
55) 2,4-Dinitrotoluene	14.46	165	312581	39.011 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.71	232	260921	39.542 ng/ul	94
57) Diethylphthalate	14.93	149	1123434	41.159 ng/ul	99
59) Fluorene	15.13	166	1035042	37.150 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.13	204	528964	37.962 ng/ul	98
61) 4-Nitroaniline	15.16	138	204636m	34.204 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.23	198	200779	41.846 ng/ul#	91
65) N-Nitrosodiphenylamine	15.35	169	844077	35.608 ng/ul	99
66) 4-Bromophenyl-phenylether	16.03	248	318124	38.321 ng/ul	94
67) Hexachlorobenzene	16.14	284	352925	38.311 ng/ul	93
68) Atrazine	16.32	200	333751	41.484 ng/ul	98
69) Pentachlorophenol	16.49	266	206585	37.928 ng/ul#	80
70) Phenanthrene	16.87	178	1721981	37.671 ng/ul	98
72) Anthracene	16.96	178	1667521	35.925 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	435255	39.192 ng/uL	92
74) Pentachlorobenzene	14.40	250	417984	39.207 ng/uL	94
75) Carbazole	17.24	167	1412402	35.709 ng/ul	99
76) Di-n-butylphthalate	17.83	149	1742864	36.944 ng/ul	99
77) Fluoranthene	18.90	202	1987375	38.584 ng/ul	99
80) Pyrene	19.26	202	2049751	39.990 ng/ul	98
81) Butylbenzylphthalate	20.20	149	761913	38.957 ng/ul	98
82) 3,3'-Dichlorobenzidine	20.97	252	654818	41.051 ng/ul	94
83) Benzo(a)anthracene	21.03	228	2009709	37.470 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.99	149	1200576	38.616 ng/ul	98
85) Chrysene	21.08	228	1987490	38.528 ng/ul	98
87) Di-n-octyl phthalate	21.85	149	2075469	43.356 ng/ul	100
88) Benzo(b)fluoranthene	22.54	252	2097251	41.567 ng/ul	100
89) Benzo(k)fluoranthene	22.58	252	2014831	39.678 ng/ul	97
91) Benzo(a)pyrene	23.07	252	2149736	48.310 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.22	276	2445511	46.452 ng/ul	97
93) Dibenzo(a,h)anthracene	25.23	278	2121507	47.998 ng/ul	97
94) Benzo(g,h,i)perylene	25.84	276	2041789	48.010 ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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